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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**
ATTORNEY'S DOCKET NUMBER
8328-5/MIW/SS/44269
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)**10/549787**
INTERNATIONAL APPLICATION NO.
GB04/001177
INTERNATIONAL FILING DATE
March 19, 2004
PRIORITY DATE CLAIMED
March 20, 2003
TITLE OF INVENTION**IMPROVEMENTS IN OR RELATING TO MACHINE VISION EQUIPMENT****APPLICANT(S) FOR DO/EO/US****Ronald F. WILSON; Gary J. PITTS; Timothy G. IRONS; William A. H. EVERITT**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

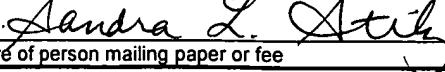
1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. is attached hereto (required only if not communicated by the International Bureau)
 - b. has been communicated by the International Bureau
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). signed unsigned
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet Under 37 CFR 1.76.
15. A substitute specification.
16. A change of power of attorney and/or address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:
 - a. International Publication
 - b. International Publication w/ Search Report
 - c. Notification of Receipt of Demand
 - d. Search Report e. Response
 - f. Written Opinion g. Response
 - h. Forms PCT/IB/318

Express Mail label number: EV 579027385 US
Date of Deposit: September 19, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Sandra L. Atchley
Signature of person mailing paper or fee

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The following fees have been submitted:		CALCULATIONS	PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$ 300		\$ 300		
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492c)) a) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$ 0 b) All other situations \$ 200		\$ 200		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) a) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$ 0 b) Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$ 100 c) International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$ 400 d) All other situations \$ 500		\$ 400		
TOTAL OF 21, 22, and 23 =		\$ 900		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
-100=	/50=		x \$250	\$ 0
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$ 0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	22 -20 =	2	x \$50	\$ 100
Independent claims	2 -3 =	0	x \$200	\$ 0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			x \$360	\$ 0
TOTAL OF ABOVE CALCULATIONS =		\$ 1000		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			--	
		SUBTOTAL =	\$ 1000	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+ \$ 0		
		TOTAL NATIONAL FEE =	\$ 1000	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property		+ \$ 0		
		TOTAL FEES ENCLOSED =	\$ 1000	
		Amount to be refunded:	\$	
		Amount to be charged:	\$	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>23-3030</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-3030</u> . A duplicate of this sheet is enclosed.				
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:				
<input checked="" type="checkbox"/> The address associated with customer number				
30565				
<input type="checkbox"/> Or correspondence address listed below:				
James M. Durlacher				
SIGNATURE				
James M. Durlacher				
NAME				
Reg. No. 28,840				
REGISTRATION NUMBER				